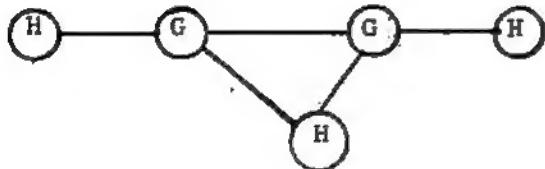
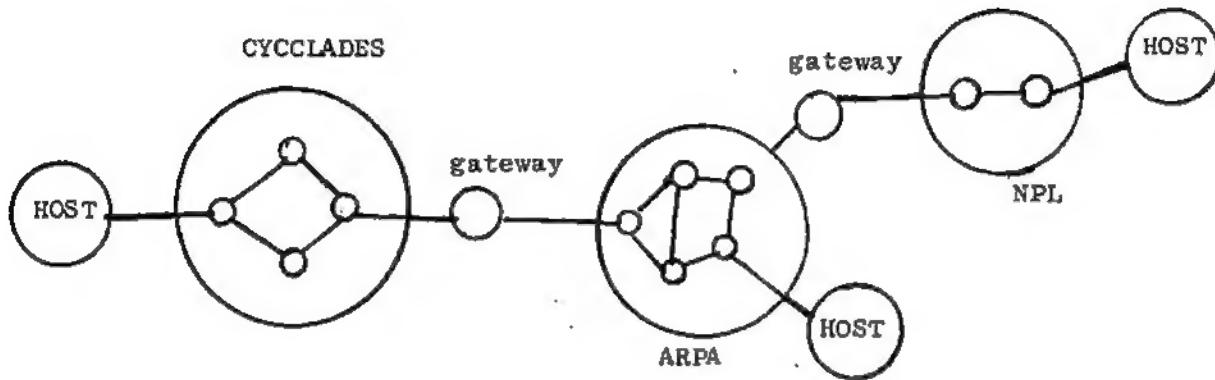


If we treat the computer communication system of each network as a complicated communication line joining HOSTs and Gateway, then the Gateways appear to be international nodes, joined by two or more networks, facilitating communication between HOSTs.



The international transmission protocol (ITP) described herein is

intended to:

1. Be resistant to failures in intermediate constituent networks and gateways.
2. Be unaffected by the maximum message sizes permitted in constituent networks and by intra- and inter-network timing idiosyncrasies.